

FIG. 1

FIG.1

BactLog #	Source	Dog/Cat	Breed	Age	Sex	Tooth sampled	Periodontal index			Gingivitis index	Pigment	Hemolysis	Kan	Vanc	Col	Indole	Lipase	Lecith.	Catalase	Genus/species by 16S rRNA sequence
							Pocket depth	5	3											
B0078	VHUP4A	D	ND	5	F	ULP4	5	3	2	yellow	Y	S	R	R	N	N	Y	N	Bacteroides denticanoris	
B0079	VHUP4B	D	ND	5	F	ULP4	5	3	2	Blk	ND	ND	ND	ND	ND	ND	ND	ND	Tannerella forsythensis	
B0080	VHUP4C	D	ND	5	F	ULP4	5	3	2	yellow	Y	S	S	R	N	N	Y	N	Bacteroides denticanoris	
B0083	VHUP4F	D	ND	5	F	ULP4	5	3	2	yellow	N	R	S	R	N	N	Y	N	Bacteroides denticanoris	
B0153	TH4Bd	D	ND	ND	M	LM1	4	ND	ND	bm	N	R	R	S	N	Y	N	P	Tannerella forsythensis	
B0222	TH11aA	D	ND	ND	F	RM1	4	ND	ND	blk	Y	R	R	R	N	Y	N	N	Porphyromonas levii	
B0225	TH11aD	D	ND	ND	F	RM1	4	ND	ND	blk	N	R	R	R	N	Y	N	N	Porphyromonas levii	
B0235	TH12aB	D	ND	ND	F	RPM4	4	ND	ND	yellow	N	R	R	R	N	N	Y	N	Tannerella forsythensis	
B0241	TH12bB	D	ND	ND	F	ULPM4	4	ND	ND	wht	N	S	S	R	P	N	N	N	Bacteroides denticanoris	
B0242	TH 12bC	D	ND	ND	F	ULPM4	4	ND	ND	bm	N	R	R	S	P	Y	N	N	Bacteroides denticanoris	
B0256	DAH39C	D	ND	ND	M	LRM1	6	2	2	Blk	N	R	R	R	N	N	N	N	Porphyromonas levii	
B0342	VHUP6A	D	SCOT	7.5	M	LM1	5	3	2	yellow	N	S	R	S	P	N	N	N	Bacteroides denticanoris	
B0343-24	VHUP6B	D	SCOT	7.5	M	LM1	5	3	2	lt bm	N	R	S	R	P	Y	N	N	Tannerella forsythensis	
B346	VHUP6E	D	SCOT	7.5	M	LM1	5	3	2	bm	N	R	S	S	N	Y	Y	P	Tannerella forsythensis	
B0458	UCD7D	D	POOD	8	F	URCAN	ND	ND	ND	yellow	N	R	S	R	P	N	N	N	Bacteroides denticanoris	
B0473	UCD10A	D	WHWT	10	M	URP4	3	2	2	wht	N	R	R	S	P	ND	ND	N	Bacteroides denticanoris	
B0474	UCD10B	D	WHWT	10	M	URP4	3	2	2	wyel	N	R	ND	S	P	ND	ND	N	Bacteroides denticanoris	
B0476	UCD10D	D	WHWT	10	M	URP4	3	2	2	wht	N	R	R	R	P	ND	ND	N	Bacteroides denticanoris	

ND = Not Determined

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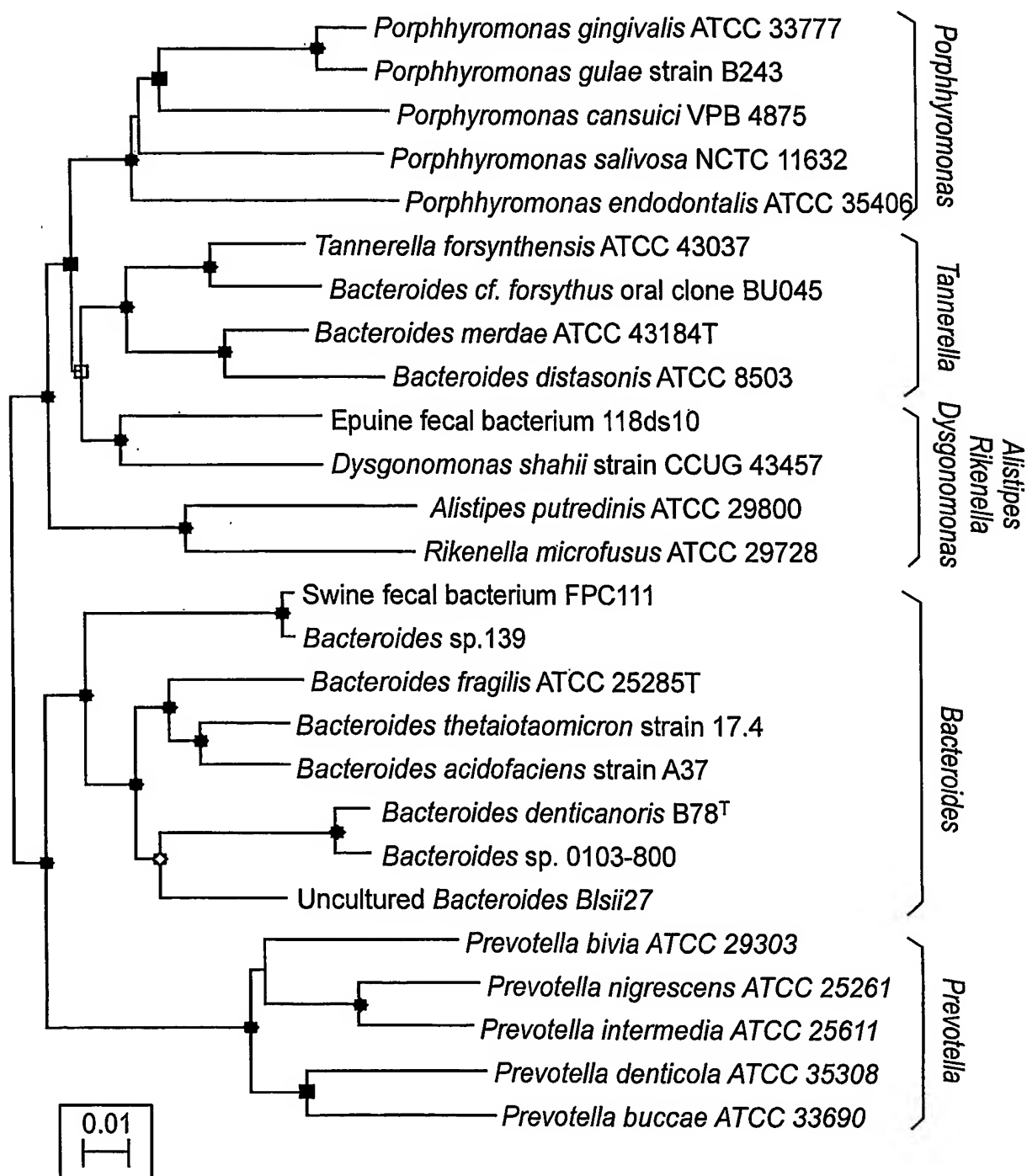
FIG. 2

Bacteria	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	URE	BLTS	α ARA	ONPG	α GLU	β GLU	α GAL	α FUC	NAG	PO ₄	LGY	GLY	PRO	PAL	ARG	SER	PYR	IND
<i>B. denticanoris</i> B78 [†]	N	N	N	P	P	N	N	P	P	P	P	N	N	N	N	N	N	N
<i>Porphyromonas gingivalls</i> ATCC 33277	N	N	N	N	N	N	N	N	P	P	P	N	N	N	P	N	N	P
<i>Prevotella Intermedia</i> ATCC 25611	N	N	N	N	P	N	N	N	N	P	P	N	N	N	P	N	N	P
<i>Tannerella forsythensis</i> ATCC 43037	N	N	N	P	P	P	N	P	P	P	P	N	N	P	P	P	N	N
<i>Baderoides thetalotaomicron</i> ATCC 29148	N	N	N	P	P	V	P	P	P	P	P	N	N	N	P	N	N	P
<i>Baderoides fragilis</i> ATCC 25285	N	P	N	P	P	P	P	P	P	P	P	N	N	P	P	N	N	N
<i>Baderoides splanchnicus</i> ATCC 29572	N	N	N	N	N	N	P	P	P	V	P	N	N	N	V	N	P	P

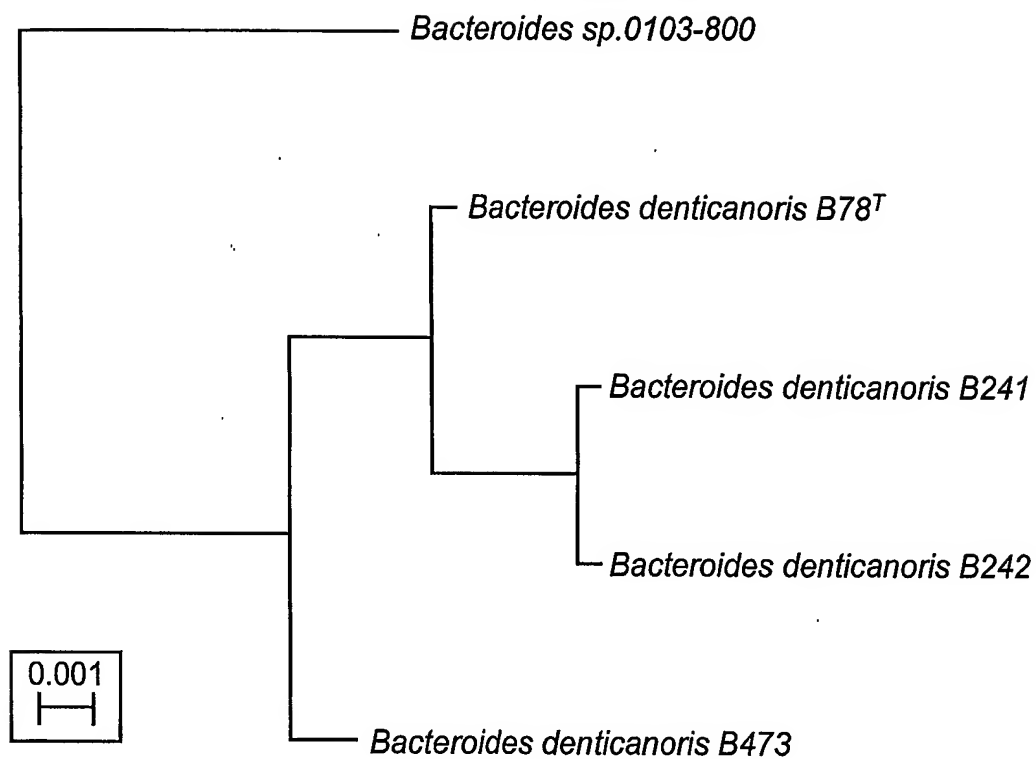
[†]Reactive Ingredients in each test: URE, Urea; BLTS, p-nitrophenyl- β , D-dissecharide; α ARA, p-nitrophenyl- α , L-arabinoside; ONPG, o-nitrophenyl- β , D-galactoside; α GLU, p-nitrophenyl- α , D-glucoside; BGLU, p-nitrophenyl- β , D-glucoside; α GAL, p-nitrophenyl- α , D-galactoside; α FUC, p-nitrophenyl- α , L-fucoside; NAG, p-nitrophenyl-n-acetyl- β , D-glucosaminide; PO₄, p-nitrophenylphosphate; LGY, Leucyl-glycine- β -naphthylamide; GLY, Glycine- β -naphthylamide; PRO, Proline- β -naphthylamide; PAL, Phenylalanine- β -naphthylamide; ARG, Arginine- β -naphthylamide; SER, Serine- β -naphthylamide; PYR, Pyrrolidonyl- β -naphthylamide, and IND, Tryptophan.

[†]Abbreviations: P, positive; N, negative; V, variable.

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FIG. 3

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FIG. 4**FIG. 5**